

County of Door HIGHWAY DEPARTMENT

1001 S. Duluth Avenue Sturgeon Bay, WI 54235

> John P. Kolodziej, PE Highway Commissioner (920) 746-2500 kolodzie@co.door.wi.us

January 30, 2017

Ms. Kristin DuFresne, Department of Natural Resources 2984 Shawano Avenue Green Bay, WI 54313-6727

Subject: Door County Highway Department Salt Storage Facility WDNR BRRTS #02-15-554088

Dear Ms. DuFresne,

Enclosed are the latest water sampling results for the subject site. Samples were obtained from 10392 Northwoods Drive and 10397 STH 57. Samples were not taken at 10363 STH 57 because a new deep water well was installed at this site. The table below identifies the sodium and chloride levels found during all of our sampling years since 2009.

	2009	2013	2015	2016	2009	2013	2015	2016
	Chloride	Chloride	Chloride	Chloride	Sodium	Sodium	Sodium	Sodium
	Levels	Levels	Levels	Levels	Levels	Levels	Levels	Levels
	mg/l	mg/l	mg/l	mg/	mg/l	mg/l	mg/l	mg/l
10392	997	570	637	526	606	412.2	374	311
Northwoods								
Drive								
10363 STH	393	339	15.5	NA	226	208.4	6.42	NA
57								
10397 STH	704	Not	461	414	183	Not	487	278
57		Available				Available		

Please be advised that in the fall of 2016 a new deep water well was installed at 10392 Northwoods Drive. Therefore, no further well tests will be conducted for this property. The County is paying for the costs of the new well installation.

The table represents a general decline in the chloride and sodium levels since the County installed new storage facilities, modified handling procedures, and installed storm water management facilities. The County intends to annually check these chemical levels in the water from the remaining shallow well.

Should you have any questions, please do not hesitate to contact my office.

Sincerely,

John P. Kolodziej, PE Highway Commissioner